Chemical Properties of the Soils

Conecuh County, Alabama

NOTE: Absence of an entry indicates that data were not estimated.

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
ArE:								
Arundel	0-7	---	---	3.6-5.5	---	---	0	---
	7-24	---	---	3.6-4.4	---	---	0	---
	24-60	---	---	---	---	---	0	---
AtA:								
Atmore	0-14	---	---	3.6-5.5	---	---	0	---
	14-38	---	---	3.6-5.5	---	---	0	---
	38-62	---	---	3.6-5.5	---	---	0	---
BbA:								
Bibb	0-32	---	4.0-7.0	3.6-5.5	0	0	0	0
	32-60	---	4.0-10	3.6-5.5	0	0	0	0
BgA:								
Bigbee	0-6	---	---	4.5-6.0	---	---	0	---
	6-80	---	---	4.5-6.0	---	---	0	---
BoA:								
Bonneau	0-28	---	1.0-4.0	4.5-6.0	0	0	0	0
	28-43	---	2.0-6.0	4.5-5.5	0	0	0	0
	43-72	---	2.0-8.0	4.5-5.5	0	0	0	0
CaA:								
Cahaba	0-14	---	---	4.5-6.0	---	---	0	---
	14-37	---	---	4.5-6.0	---	---	0	---
	37-72	---	---	4.5-6.0	---	---	0	---
CbA:								
Cahaba	0-12	---	---	4.5-6.0	---	---	0	---
	12-37	---	---	4.5-6.0	---	---	0	---
	37-80	---	---	4.5-6.0	---	---	0	---
Bigbee	0-6	---	---	4.5-6.0	---	---	0	---
	6-80	---	---	4.5-6.0	---	---	0	---
ChA:								
Chrysler	0-6	---	---	4.5-5.5	0	0	0	0
	6-72	---	---	4.5-5.5	0	0	0	0
	72-90	---	---	4.5-5.5	0	0	0	0
Yonges	0-3	2.0-4.0	---	5.1-7.8	---	---	0	---
	3-57	3.0-8.0	---	5.1-8.4	---	---	0	---
	57-90	3.0-8.0	---	6.1-8.4	---	---	0	---
	60-80	---	---	---	---	---	---	---
CoC:								
Conecuh	0-3	---	---	3.6-5.5	0	0	0	0
	3-50	---	---	3.6-5.5	0	0	0	0
	50-72	---	---	---	0	0	---	0

Chemical Properties of the Soils, cont.

Conecuh County, Alabama

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
CwC:								
Cowarts	0-11	---	2.0-8.0	4.5-5.5	0	0	0	0
	11-18	---	2.0-10	4.5-5.5	0	0	0	0
	18-25	---	2.0-10	4.5-5.5	0	0	0	0
	25-60	---	2.0-8.0	4.5-5.5	0	0	0	0
FuB:								
Fuquay	0-29	---	---	4.5-6.0	0	0	0	0
	29-35	---	---	4.5-6.0	0	0	0	0
	35-75	---	---	4.5-6.0	0	0	0	0
GrA:								
Greenville	0-9	---	4.0-10	4.5-6.0	0	0	0	0
	9-80	---	4.0-12	4.5-6.0	0	0	0	0
GrB:								
Greenville	0-9	---	4.0-10	4.5-6.0	0	0	0	0
	9-80	---	4.0-12	4.5-6.0	0	0	0	0
GuC:								
Greenville	0-9	---	4.0-10	4.5-6.0	0	0	0	0
	9-80	---	4.0-12	4.5-6.0	0	0	0	0
Urban Land	0-60	---	---	---	---	---	0	---
GyC:								
Gritney	0-13	---	2.0-7.0	3.5-6.0	0	0	0	0
	13-49	---	7.0-13	3.5-5.5	0	0	0	0
	49-80	---	2.0-8.0	3.5-5.5	0	0	0	0
Malbis	0-6	---	---	4.5-6.0	---	---	0	---
	6-28	---	---	4.5-5.5	---	---	0	---
	28-37	---	---	4.5-5.5	---	---	0	---
	37-72	---	---	4.5-5.5	---	---	0	---
Fuquay	0-29	---	---	4.5-6.0	0	0	0	0
	29-35	---	---	4.5-6.0	0	0	0	0
	35-75	---	---	4.5-6.0	0	0	0	0
HaC:								
Halso	0-5	---	---	3.6-5.5	0	0	0	0
	5-41	---	---	3.6-5.5	0	0	0	0
	41-48	---	---	3.6-5.5	0	0	0	0
	48-60	---	---	---	---	---	---	---
IbA:								
Izagora	0-8	---	---	3.6-6.0	---	---	0	---
	8-33	---	---	3.6-5.5	---	---	0	---
	33-80	---	---	3.6-5.5	---	---	0	---
Bethera	0-6	---	2.0-6.0	3.6-6.0	0	0	0	0
	6-62	---	8.0-20	3.6-6.0	0	0	0	0
LuC:								
Luverne	0-6	---	---	3.6-5.5	---	---	0	---
	6-28	---	---	3.6-5.5	---	---	0	---
	28-40	---	---	3.6-5.5	---	---	0	---
	40-65	---	---	3.6-5.5	---	---	0	---
LuD:								
Luverne	0-6	---	---	3.6-5.5	---	---	0	---
	6-28	---	---	3.6-5.5	---	---	0	---
	28-40	---	---	3.6-5.5	---	---	0	---
	40-65	---	---	3.6-5.5	---	---	0	---

Chemical Properties of the Soils, cont.

Conecuh County, Alabama

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
MaB:								
Malbis	0-6	---	---	4.5-6.0	---	---	0	---
	6-28	---	---	4.5-5.5	---	---	0	---
	28-37	---	---	4.5-5.5	---	---	0	---
	37-72	---	---	4.5-5.5	---	---	0	---
OcC:								
Oktibbeha	0-3	---	---	4.5-6.5	---	---	0	---
	3-36	---	---	4.5-6.5	---	---	0	---
	36-60	---	---	6.6-8.4	---	---	0	---
Cadeville	0-4	---	---	3.6-6.0	---	---	0	---
	4-40	---	---	3.6-5.5	---	---	0	---
	40-72	---	---	3.6-5.5	---	---	0	---
OrB:								
Orangeburg	0-6	---	1.0-2.0	4.5-6.0	0	0	0	0
	6-12	---	2.0-3.0	4.5-6.0	0	0	0	0
	12-72	---	2.5-4.0	4.5-5.5	0	0	0	0
OsE:								
Oktibbeha	0-3	---	---	4.5-6.5	---	---	0	---
	3-36	---	---	4.5-6.5	---	---	0	---
	36-60	---	---	6.6-8.4	---	---	0	---
Saffell	0-5	---	5.0-15	4.5-5.5	0	0	0	0
	5-28	---	5.0-20	4.5-5.5	0	0	0	0
	28-43	---	10-20	4.5-5.5	0	0	0	0
	43-60	---	5.0-15	4.5-5.5	0	0	0	0
OuC:								
Orangeburg	0-6	---	1.0-2.0	4.5-6.0	0	0	0	0
	6-12	---	2.0-3.0	4.5-6.0	0	0	0	0
	12-72	---	2.5-4.0	4.5-5.5	0	0	0	0
Urban Land	0-60	---	---	---	---	---	0	---
PITS:								
Pits	0-60	---	---	---	---	---	0	---
PoB:								
Poarch	0-8	---	---	4.5-5.5	---	---	0	---
	8-44	---	---	4.5-5.5	---	---	0	---
	44-72	---	---	4.5-5.5	---	---	0	---
RbB:								
Red Bay	0-5	---	---	4.5-6.0	---	---	0	---
	5-9	---	---	4.5-6.0	---	---	0	---
	9-80	---	---	4.5-5.5	---	---	0	---
TaC:								
Troup	0-62	---	---	4.5-6.0	---	---	0	---
	62-92	---	---	4.5-5.5	---	---	0	---
TgD:								
Troup	0-62	---	---	4.5-6.0	---	---	0	---
	62-92	---	---	4.5-5.5	---	---	0	---
Gritney	0-13	---	2.0-7.0	3.5-6.0	0	0	0	0
	13-49	---	7.0-13	3.5-5.5	0	0	0	0
	49-80	---	2.0-8.0	3.5-5.5	0	0	0	0
Saffell	0-5	---	5.0-15	4.5-5.5	0	0	0	0
	5-28	---	5.0-20	4.5-5.5	0	0	0	0
	28-43	---	10-20	4.5-5.5	0	0	0	0
	43-60	---	5.0-15	4.5-5.5	0	0	0	0

Chemical Properties of the Soils, cont.

Conecuh County, Alabama

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
ToE:								
Troup	0-62	---	---	4.5-6.0	---	---	0	---
	62-92	---	---	4.5-5.5	---	---	0	---
Orangeburg	0-6	---	1.0-2.0	4.5-6.0	0	0	0	0
	6-12	---	2.0-3.0	4.5-6.0	0	0	0	0
	12-72	---	2.5-4.0	4.5-5.5	0	0	0	0
YoA:								
Yonges	0-3	2.0-4.0	---	5.1-7.8	---	---	0	---
	3-57	3.0-8.0	---	5.1-8.4	---	---	0	---
	57-90	3.0-8.0	---	6.1-8.4	---	---	0	---
	60-80	---	---	---	---	---	---	---